L5 ANSWER 13 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN

AB Derivs. retarding the peripheric effects of epinephrine and (or) norepinephrine and acting on the orthosympathetic nervous system were prepared 1-[γ-(4-Fluorobenzoyl)propyl]-4-methoxycarbonylamino-4-phenylpiperidine, m. 136.6-42° (iso-Pr2O), was obtained by refluxing for 24 hrs. 3.2 g. γ-chloro-4-fluorobutyrophenone, 4 g. 4-methoxycarbonylamino-4-phenylpiperidine, 3.7 g. Na2CO3, and 0.1 g. KI in 120 g. 4-methyl-2-pentanone, and treating the filtrate with active C. These were similarly prepared: 1-[γ-(4-fluorobenzoyl)propyl]-4-acetamido-4-phenylpiperidine, m. 194.6-6°, and the corresponding 4-ethoxycarbonylamino analog, m. 99.6-102.4°, 4-(1-ethoxycarbonylaminoethyl) analog HCl salt, m. 83.8-91° (C6H6), 4-methoxycarbonylaminomethyl analog HCl salt, m. 116-95° (decomposition), 4ethoxycarbonylaminomethyl analog HCl salt, m. 81-106° (decomposition), and MeI salt, m. 208.6-9.2°, 4-propoxycarbonylaminomethyl analog HCl salt, m. 51-67° (decomposition), 4-isopropoxycarbonylaminomethyl analog HCl salt, m. 75-83° (decomposition), 4-propionamidomethyl analog HCl salt, m. 123.6-39°, 4-formamidomethyl analog, m. 94.56° (Et2O), 4-acetamidomethyl analog, m. 97-100°, 4-(N-methylacetamidomethyl) analog, m. 127-30°; 1-[γ-(4-fluorobenzoyl)propyl]-4-ethoxycarbonylamino-4-(4-fluorophenyl)piperidine HCl salt, m. 130-71° (decomposition); 1-[γ-(4-fluorobenzoyl)propyl]-4-acetamidoethyl-4-(4-tolyl)piperidine, m. 116.6-18.4°; 1-[γ-(4-fluorobenzoyl)propyl]-4-acetamidomethyl-4-(4-fluorophenyl)piperidine, m. 99-100°, and the corresponding 4-(3-tolyl)piperidine analog, m. 94-100°, 1-[γ-(4-fluorobenzoyl)propyl]-4-ethoxycarbonylaminomethyl-4-(3-tolyl)piperidine HCl salt, m. 141.5-4°, and the corresponding (4-tolyl) analog HCl salt, m. 130.33.2°; 1-[γ-(4-chlorobenzoyl)propyl]-4-acetamidomethyl-4-phenylpiperidine, m. 126-7°, and the corresponding 4-ethoxycarbonylaminomethyl analog HCl salt, m. 78-83° (decomposition); 1-[γ-(2-thenoyl)propyl]-4-acetamidomethyl-4-phenylpiperidine, m. 156-7° (C6H6), and the corresponding 4-methoxycarbonylamino analog, m. 158.8-60°, 4-ethoxycarbonylaminomethyl analog oxalate, m. 150-3°; 1-(γ-benzoylpropyl)-4-acetamidomethyl-4-phenylpiperidine, m. 151.5-2.5°, and the corresponding 4-ethoxycarbonylaminomethyl analog oxalate, m. 152-6°; 1-(β-benzoylethyl)-4-ethoxycarbonylaminomethyl-4-phenylpiperidine HCl salt, m. 175-6.5°, and the corresponding 4-acetamidomethyl derivative, m. 79-83°; 1-(δ-benzoylbutyl)-4-acetamidomethyl-4-phenylpiperidine m. 95-9°; 1-[γ-(4-methoxybenzoyl)propyl]-4-ethoxycarbonylaminomethyl-4-phenylpiperidine HCl salt, m. 62-81° (decomposition), and the corresponding 4-acetamidomethyl derivative, m. 116-19.2°.

AN 1962:66864 CAPLUS

DN 56:66864

OREF 56:12861i,12862a-f

TI Alkoxylamino and alkoxycarbonylamino derivatives of 1(aroylalkyl)-4-arylpiperidines

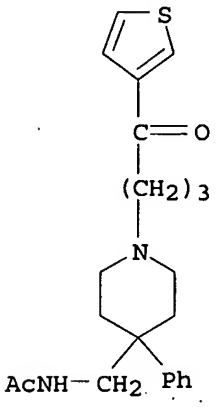
IN Janssen, Paul A. J.

DT Patent

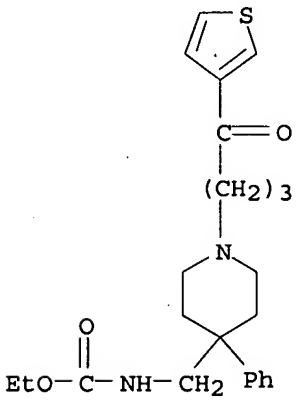
LA Unavailable

	PATENT NO.	KIND	DATE	APPLICATION NO.	DATE	
PI	BE 606849		19610802	BE		<--
	GB 917078			GB		

US 3083205 19630326 US 1961-116684 19610613 <--
PRAI GB 19600803
IT 95129-63-8, Acetamide, N-[[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]- 95434-38-1, Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester 856619-58-4, Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester, oxalate
(preparation of)
RN 95129-63-8 CAPLUS
CN Acetamide, N-[[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]- (7CI) (CA INDEX NAME)



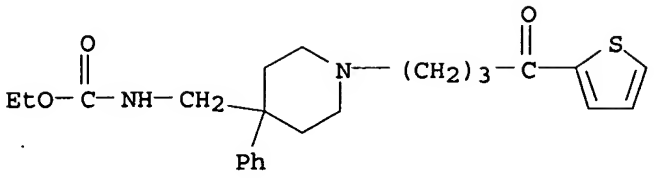
RN 95434-38-1 CAPLUS
CN Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester (7CI) (CA INDEX NAME)



RN 856619-58-4 CAPLUS
CN Carbamic acid, [[4-phenyl-1-[3-(2-thenoyl)propyl]-4-piperidyl]methyl]-, ethyl ester, oxalate (7CI) (CA INDEX NAME)

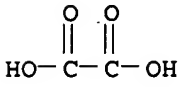
CM 1

CRN 856619-57-3
CMF C23 H30 N2 O3 S

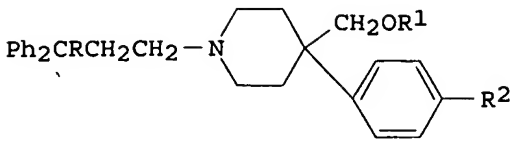


CM 2

CRN 144-62-7
CMF C2 H2 O4



L5 ANSWER 11 OF 17 CAPLUS COPYRIGHT 2007 ACS on STN
GI



I

AB Piperidinemethanol derivs. (I; R = Ph, 2-pyridinyl, 2-thienyl; R1 = H, Ac, Me; R2 = H, Cl), useful as diarrhea inhibitors, are prepared by standard methods. Thus, reaction of Ph3COH with CH2(CO2H)2 gives Ph3CCH2CO2H which is converted to Ph3CCH2COCl (II). Reaction of II with Et 4-phenyl-4-piperidinecarboxylate gives Et 4-phenyl-1-(3,3,3-triphenylpropionyl)-4-piperidinecarboxylate which on reduction with LiAlH4 gives I (R = Ph, R1 = R2 = H).

AN 1977:43574 CAPLUS
DN 86:43574
TI 1-(Triarylalkyl)-4-phenylpiperidine derivatives
IN Adelstein, Gilbert W.; Dajani, Esam Z.; Yen, Chung Hwai
PA G.D. Searle and Co., USA
SO Ger. Offen., 28 pp.
CODEN: GWXXBX
DT Patent
LA German
FAN.CNT 3

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	US 3998832	A	19761221	US 1975-568439	19750416	<--
	ZA 7601681	A	19770427	ZA 1976-1681	19760318	<--
	NL 7603641	A	19761019	NL 1976-3641	19760407	<--
	DK 7601739	A	19761017	DK 1976-1739	19760414	<--
	DK 7601747	A	19761017	DK 1976-1747	19760414	<--
	NO 7601303	A	19761019	NO 1976-1303	19760414	<--
	NO 7601304	A	19761019	NO 1976-1304	19760414	<--
	ES 447010	A1	19771001	ES 1976-447010	19760414	<--
	ES 447011	A1	19771116	ES 1976-447011	19760414	<--
	IL 49424	A	19790131	IL 1976-49424	19760414	<--
	IL 49422	A	19790930	IL 1976-49422	19760414	<--
	BE 840797	A1	19761015	BE 1976-166202	19760415	<--
	BE 840798	A1	19761015	BE 1976-166203	19760415	<--
	FI 7601041	A	19761017	FI 1976-1041	19760415	<--
	FI 7601042	A	19761017	FI 1976-1042	19760415	<--
	SE 7604475	A	19761017	SE 1976-4475	19760415	<--
	SE 7604476	A	19761017	SE 1976-4476	19760415	<--
	NL 7604063	A	19761019	NL 1976-4063	19760415	<--
	JP 51127054	A	19761105	JP 1976-43021	19760415	<--
	FR 2307535	A1	19761112	FR 1976-11236	19760415	<--
	FR 2307535	B1	19781117			
	JP 51131880	A	19761116	JP 1976-43020	19760415	<--
	ZA 7602292	A	19770525	ZA 1976-2292	19760415	<--
	AU 7613042	A	19771020	AU 1976-13042	19760415	<--

	AU 502260	B2	19790719		
	AU 7613043	A	19771020	AU 1976-13043	19760415 <--
	AU 499878	B2	19790503		
	AT 7602789	A	19780515	AT 1976-2789	19760415 <--
	AT 347463	B	19781227		
	AT 7602790	A	19780715	AT 1976-2790	19760415 <--
	AT 348525	B	19790226		
	FR 2307530	B1	19781117	FR 1976-11237	19760415 <--
	GB 1537880	A	19790110	GB 1976-15542	19760415 <--
	HU 173012	B	19790128	HU 1976-SE1827	19760415 <--
	GB 1540103	A	19790207	GB 1976-15541	19760415 <--
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	CH 626879	A5	19811215	CH 1976-4853	19760415 <--
	US 4057549	A	19771108	US 1976-733503	19761018 <--
	US 4066654	A	19780103	US 1976-741589	19761115 <--
	ES 459283	A1	19780301	ES 1977-459283	19770530 <--
	US 4086227	A	19780425	US 1977-821067	19770802 <--
	GB 1545665	A	19790510	GB 1977-43051	19771017 <--
	AT 7800321	A	19780615	AT 1978-321	19780117 <--
	AT 347952	B	19790125		
	CH 614448	A5	19791130	CH 1979-1753	19790222 <--
	CH 629190	A5	19820415	CH 1981-947	19810212 <--
	CH 629191	A5	19820415	CH 1981-948	19810212 <--
PRAI	US 1975-568439	A	19750416		
	AT 1976-2789	A	19760415		
	CH 1976-4852	A	19760415		
	CH 1976-4853	A	19760415		
	GB 1976-15542	A	19760415		
	US 1976-733502	A	19761018		
	US 1976-733503	A3	19761018		

OS MARPAT 86:43574

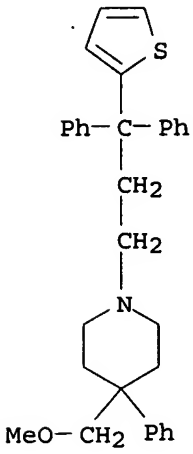
IT 61532-48-7P
RL: SPN (Synthetic preparation); PREP (Preparation)
(preparation and diarrhea-inhibiting activity of)

RN 61532-48-7 CAPLUS

CN Piperidine, 1-[3,3-diphenyl-3-(2-thienyl)propyl]-4-(methoxymethyl)-4-phenyl-, ethanedioate (9CI) (CA INDEX NAME)

CM 1

CRN 61532-47-6
CMF C32 H35 N O S



CM 2

CRN 144-62-7
CMF C2 H2 O4